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(54) **Optical recording information medium**

(57) An optical recording medium comprising a recording and a metal reflective layers on a transparent substrate having a groove, wherein the recording layer comprises an azaporphyrin metal complex dye with 1 to 4 meso-nitrogen atoms as a main component; recording and/or reproduction can be conducted using laser beams with wavelengths of λ_1 and λ_2 which is shorter

than λ_1 ; a refractive index n of the recording layer is 2.0 or more at λ_1 and 1.8 or more at λ_2 as well as an attenuation coefficient k of the layer is 0.04 to 0.20 at λ_1 and 0.30 or less at λ_2 ; and the groove has a pitch of 0.70 to 0.85 μm , a half-value width of 0.20 to 0.35 μm and an inclination angle of 45 to 65 °:



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EUROPEAN SEARCH REPORT

Application Number
EP 01 12 1758

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			G11B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 June 2003	Examiner Stabel, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 12 1758

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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